



AMENDMENT TRANSMITTAL LETTER

IN RE THE APPLICATION OF: Verne C. Hornback and Derryl D.J. Allman

SERIAL NO: 09/217,183  
DATE FILED: December 21, 1998  
FOR : On-Chip Graded Index of Refraction Optical Waveguide and Damascene Method of Fabricating the Same

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SIR:

TRANSMITTED HEREWITH IS AN AMENDMENT IN THE ABOVE-IDENTIFIED APPLICATION

Response to Fifth Office Action  
 Declaration of Verne C. Hornback  
 Petition for One Month Extension of Time  
 Check in the amount of \$110.00 for the required petition fee

FILING FEE HAS BEEN CALCULATED AS SHOWN BELOW:

	(COL. 1) CLAIMS REMAINING AFTER AMENDMENT	(COL. 2) HIGHEST NO. PREVIOUSLY PAID FOR	(COL. 3) PRESENT EXTRA	SMALL ENTITY			LARGE ENTITY	
				RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
TOTAL:	15	-	29	** 0	X \$9 =	\$0.00	OR X \$18 =	\$0.00
INDEP:	2	-	3	*** 0	X \$40 =	\$0.00	OR X \$80 =	\$0.00
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS				+ \$130 =		OR + \$260 =		
ADDITIONAL FEES				TOTAL:	\$0.00	OR	TOTAL:	\$0.00

\*IF THE ENTRY IN COL. 1 IS LESS THAN THE ENTRY IN COL. 2, WRITE "0" IN COL. 3.

\*\*IF THE "HIGHEST NUMBER PREVIOUSLY PAID FOR" IN THIS SPACE IS LESS THAN 20, WRITE "20" IN THIS SPACE.

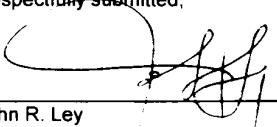
\*\*\*IF THE "HIGHEST NUMBER PREVIOUSLY PAID FOR" IN THIS SPACE IS LESS THAN 3, WRITE "3" IN THIS SPACE.

THE "HIGHEST NUMBER PREVIOUSLY PAID FOR" (TOTAL OR INDEPENDENT) IS THE HIGHEST NUMBER FOUND FROM THE EQUIVALENT BOX IN COL. 1 OF A PRIOR AMENDMENT OR THE NUMBER OF CLAIMS ORIGINALLY FILED.

A CHECK IN THE AMOUNT OF \$110.00 FOR PETITION FEE.  
 THE COMMISSIONER IS HEREBY AUTHORIZED TO CHARGE PAYMENT OF THE FOLLOWING FEES ASSOCIATED WITH THIS COMMUNICATION OR CREDIT ANY OVERPAYMENT TO DEPOSIT ACCOUNT NO. 12-2252. **A DUPLICATE COPY OF THIS SHEET IS ENCLOSED.**  
 ANY FILING FEES UNDER 37 CFR 1.16 FOR THE PRESENTATION OF EXTRA CLAIMS.  
 ANY PATENT APPLICATION PROCESSING FEES UNDER 37 CFR 1.17.

Dated at Greenwood Village, Colorado, this 2nd day of July, 2003.

Respectfully submitted,

  
John R. Ley  
Registration No. 27,453  
ATTORNEY FOR APPLICANT

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07-07-03

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## PATENT

Attorney Docket No. 98-027  
Express Mail No. EV249896075US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of )  
Verne C. Hornback and )  
Derryl D.J. Allman )  
Serial No. 09/217,183 ) Group Art Unit: 2877  
Filed: December 21, 1998 ) Confirmation No.: 8652  
For: ON-CHIP GRADED INDEX OF )  
REFRACTION OPTICAL WAVEGUIDE )  
AND DAMASCENE METHOD OF )  
FABRICATING THE SAME ) Examiner: L. G. Lauchman

CERTIFICATE OF MAILING BY EXPRESS MAIL

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned hereby certifies that the attached Amendment Transmittal Letter; Response to Fifth Office Action; Declaration of Verne C. Hornback; Petition for One Month Extension of Time; check in the amount of \$110.00 for petition fee; Certificate of Mailing by Express Mail; and Return Card, relating to the above application, were deposited as "Express Mail," Mailing Label No. EV249896075US with the United States Postal Service, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 2nd day of July, 2003.

7/2/03  
DateJohn R. Ley  
Mailer7/2/03  
Date

John R. Ley  
Registration No. 27,453  
ATTORNEY FOR APPLICANT

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